

listing of claims will replace all prior versions, and listings, of claims in the application:

## **LISTING OF CLAIMS:**

1. (Currently Amended) <u>Liquid-crystalline compounds A liquid-crystalline compound</u> of the formula I:

$$R^{1}-(A^{1}-Z^{1})_{a}$$
  $O$   $(Z^{2}-A^{2})_{b}$   $CF_{2}O-(A^{3}-Z^{3})_{c}$   $A^{4}-R^{2}$   $I$ 

in which

 $R^1$  and  $R^2$  each, independently of one another, denote H, halogen, a halogenated or unsubstituted alkyl or alkoxy radical having 1 to 15 C atoms, where, in addition, one or more  $CH_2$  groups in these radicals may each, independently of one another, be are optionally replaced by  $-C \equiv C$ -, -CH = CH-, -O-, -CO-O- or -O-CO- in such a way that O atoms are not linked directly to one another, and where one of the radicals  $R^1$  and  $R^2$  may alternatively denote is optionally CN, OCN, SCN, NCS or  $SF_5$ ,

 $A^1$ ,  $A^2$ ,  $A^3$  and  $A^4$  each, independently of one another, denote

 $Z^1$ ,  $Z^2$  and  $Z^3$  each, independently of one another, denote -CO-O-, -O-CO-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -(CH<sub>2</sub>)<sub>4</sub>-, -C<sub>2</sub>F<sub>4</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CF=CF-, -CH=CH-, -C $\equiv$ C- or a single bond, and a, b and c each, independently of one another, denote 0, 1, 2 or 3, where

2. (Currently Amended) Liquid-crystalline compounds A liquid-crystalline compound of claim 1, which is of the formula IA:

in which

 $a+b+c\leq 3.$ 

 $R^1$ ,  $R^2$ , a, and b, c and have the meanings indicated in Claim 1, where a + b = 1 or 2, and

 $L^1$  and  $L^2$  each, independently of one another, denote H or F.

- 3. (Currently Amended) Liquid-crystalline compounds A liquid-crystalline compound according to formula I of Claim 1, characterised in that wherein a = 1 and b = 0 or a = 0 and b = 1.
- 4. (Currently Amended) Liquid crystalline compounds A liquid-crystalline compound according to Claim 2, characterised in that wherein L<sup>1</sup> denotes fluorine and L<sup>2</sup> denotes fluorine or hydrogen.
- 5. (Currently Amended) Liquid-crystalline compounds A liquid-crystalline compound according to Claim 2, characterised in that wherein L<sup>1</sup> and L<sup>2</sup> denote fluorine.

6. (Currently Amended) Liquid crystalline compounds A liquid-crystalline compound of claim 1, which is of one of the formulae I1 to I31:

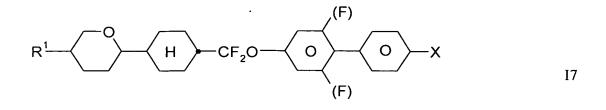
$$R^1$$
  $CF_2O$   $O$   $X$   $I2$ 

$$R^1$$
  $CF_2O$   $O$   $X$   $I3$ 

$$R^{1}$$
  $CH_{2}CH_{2}$   $H$   $CF_{2}O$   $O$   $X$ 

$$R^1$$
  $CH_2CH_2$   $H$   $CF_2O$   $O$   $X$   $I5$ 

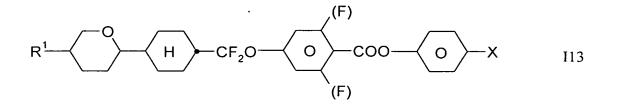
$$R^1$$
  $CH_2CH_2$   $H$   $CF_2O$   $O$   $F$   $I6$ 



$$R^1$$
  $O$   $H$   $CF_2O$   $O$   $O$   $X$   $I8$ 

$$R^1$$
  $O$   $H$   $CF_2O$   $O$   $F$   $X$   $I9$ 

$$R^{1}$$
  $O$   $H$   $CF_{2}O$   $O$   $O$   $X$   $I10$ 

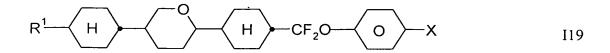


$$R^{1}$$
  $CF_{2}O$   $O$   $COO$   $O$   $X$   $I14$ 

$$R^1$$
  $O$   $H$   $CF_2O$   $O$   $CF_2O$   $O$   $I16$ 

$$R^{1}$$
  $CF_{2}O$   $CF_{2}$ 

$$R^{1}$$
  $CF_{2}O$   $O$   $CF_{2}O$   $O$   $F$   $I18$ 



$$R^1$$
  $H$   $CF_2O$   $O$   $X$   $I20$ 

$$R^1$$
  $H$   $CF_2O$   $O$   $X$   $I21$ 

$$R^1$$
  $H$   $CF_2O$   $O$   $X$   $I22$ 

$$R^1$$
  $\longrightarrow$   $H$   $\longrightarrow$   $CF_2O$   $\longrightarrow$   $X$   $I23$ 

$$R^1$$
  $O$   $O$   $CF_2O$   $O$   $X$   $I25$ 

$$R^1$$
  $O$   $O$   $CF_2O$   $O$   $X$   $I26$ 

$$R^1$$
  $O$   $O$   $CF_2O$   $O$   $X$   $I27$ 

$$R^1$$
  $O$   $O$   $CF_2O$   $O$   $X$   $I28$ 

$$R^1$$
 $O$ 
 $O$ 
 $F$ 
 $O$ 
 $CF_2O$ 
 $O$ 
 $F$ 
 $I29$ 

$$R^1$$
  $O$   $O$   $CF_2O$   $O$   $X$   $I30$ 

in which  $R^1$  has the meaning indicated in Claim 1 and X has the meaning of  $R^2$  in Claim 1.

- 7. (Currently Amended) Liquid-crystalline medium comprising at least two mesogenic compounds, characterised in that it which comprises at least one compound of the formula I according to Claim 1.
- 8. (Currently Amended) Liquid-crystalline medium according to Claim 7, characterised in that it which comprises one or more compounds selected from the group consisting of the compounds of general formulae II to IX:

$$R^0$$
  $H$   $C_2H_4$   $O$   $X^0$  III

$$R^{0} \xrightarrow{H} Q \xrightarrow{Y^{3}} Z^{0} \xrightarrow{Q^{2}} X^{0}$$

$$IV$$

$$R^0 \longrightarrow H \longrightarrow Z^0 \longrightarrow H \longrightarrow V$$

$$R^0 + H + C_2H_4 + O + X^0$$
 VI

$$R^0$$
  $H$   $Z^0$   $O$   $X^0$   $VII$ 

$$R^0$$
  $H$   $O$   $O$   $Y^1$   $VIII$ 

$$R^0 \longrightarrow O \longrightarrow H \longrightarrow O \longrightarrow X^0$$
 IX

in which

- R<sup>0</sup> denotes n-alkyl, oxaalkyl, fluoroalkyl, alkenyloxy or alkenyl, each having up to 9 C atoms,
- X<sup>0</sup> denotes F, Cl, halogenated alkyl, halogenated alkenyl, halogenated alkenyloxy or halogenated alkoxy having up to 7 C atoms,
- Z<sup>0</sup> denotes -CH=CH-, -C<sub>2</sub>H<sub>4</sub>-, -(CH<sub>2</sub>)<sub>4</sub>-, -C<sub>2</sub>F<sub>4</sub>-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CF=CF-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>- or -COO-,
- $Y^1, Y^2, Y^3$  and  $Y^4$  each, independently of one another, denote H or F, and r is 0 or 1.

## 9. (Canceled)

- 10. (Previously presented) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to Claim 7.
- 11. (New) A liquid-crystalline compound according to formula IA of Claim 2, wherein a = 1 and b = 0 or a = 0 and b = 1.
- 12. (New) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to Claim 8.
- 13. (New) A liquid-crystalline compound of claim 1, which in formula I, a = 0.